



RECEIVED

SEP 25 2012

BUREAU OF WASTE MANAGEMENT

K A N S A S

RODERICK L. BREMBY, SECRETARY

DEPARTMENT OF HEALTH AND ENVIRONMENT

KATHLEEN SEBELIUS, GOVERNOR

APPLICATION FOR SOLID WASTE LANDFILL PERMIT

I. Applicant information:Applicant's name City of SalinaMailing address 300 West AshSalina, Kansas67402-0736

(Street Address)

(City & State)

(Zip)

Person to contact Daniel R. StackTitle City EngineerTelephone (785) 309-5725Fax (785) 309-5713E-mail address dan.stack@salina.org

Entity type (check one):

☐ Federal Agency☐ State Agency☐ County☒ City☐ Township☐ Business☐ Individual☐ Other _____II. Site information:Facility name City of Salina Municipal Solid Waste LandfillPhysical address 4292 South Burma RoadSalina, Kansas67401

(Street Address)

(City & State)

(Zip)

SalineCounty1/4 of the, 1/4 of the, 1/4 of, Section 7, Township 15 S, Range 3 W

In the following table, fill in *total* areas and capacities (not just *remaining* values). "Existing" parameters should match the existing landfill permit and approved plans for an existing facility; or for a new facility leave the "existing" columns blank.

Parameters	Existing			Proposed		
Property area (acres)	656.5			656.5		
Landfill types	MSW	Ind.	C&D	MSW	Ind.	C&D
Disposal area (acres)	280.1			289.69		
Capacity (tons)	12,855,178			17,914,197		
Capacity (cubic yards)	21,425,196			29,856,995		
Capacity (years)	87.5			160		

III. Type of application (check one):☐ New permit☒ Modification* of an existing permit☐ Transfer** of an existing permit

MSW = municipal solid waste landfill (see K.S.A. 65-3402(cc))

Ind. = industrial waste (see K.S.A. 65-3402(x)) landfill; also includes waste tire monofills and asbestos monofills

C&D = construction and demolition landfill (see K.S.A. 65-3402(v))

* / ** See notes on page 2

DIVISION OF ENVIRONMENT

Bureau of Waste Management

CURTIS STATE OFFICE BUILDING, 1000 SW JACKSON ST., STE. 320, TOPEKA, KS 66612-1366

Voice 785-296-1600

Fax 785-296-1592

<http://www.kdhe.state.ks.us/waste>

Application for Solid Waste Landfill Permit

* This application is required for "significant" modifications as defined in Bureau of Waste Management Policy 98-05 (any increase in property area, and/or increases of 10% or more in the disposal capacity). Minor modifications (those that do not meet the definition of "significant") are usually requested by submitting a letter with amended plans.

** This application is required if the applicant intends to manage different waste (types or characteristics), operate the facility differently, and/or if significant modifications are proposed. A streamlined application for simple permit transfers (name change or ownership change only) is provided on the Bureau of Waste Management web site.

IV. Facility type (check all that apply):

(For new permits identify the *proposed* facility type(s). For modifications or transfers identify the *existing* facility type(s).)

☒ Municipal solid waste landfill

☒ Subtitle D

☐ Small arid

☐ Industrial landfill

☐ Asbestos monofill

☐ Waste tire monofill

☐ Other (list types of waste): _____

☐ Construction & demolition landfill

V. Modifications proposed (if existing facility; check all that apply):

☐ Increase property area

☒ Increase disposal capacity

☐ Add new type of disposal unit

☐ Municipal solid waste landfill

☐ Subtitle D

☐ Small arid

☐ Industrial landfill

☐ Asbestos monofill

☐ Waste tire monofill

☐ Other (list types of waste): _____

☐ Construction & demolition landfill

☐ Add processing unit (submit separate processing facility permit application form for each type)

☐ Composting

☐ Household hazardous waste

☐ Incinerator

☐ Land farm

☐ Transfer station

☐ Other: _____

☐ Other modifications (explain): _____

Application for Solid Waste Landfill Permit

VI. Items to submit with this application (check each item or indicate "NA" for not applicable):

"†" indicates a form is available on the Bureau of Waste Management web site.

For permit modifications (or transfers using this form), only submit items that must be updated. Items submitted in the past that are still effective, correct, applicable, and acceptable do not have to be resubmitted.

☒ **Business Concern Disclosure Statement (BCDS)[†] or Public Entity Disclosure Statement (PEDS)[†]**

Large companies (100 or more employees) or companies based in other states should use BCDS Form 1. Small companies (less than 100 employees) based in Kansas may use BCDS Form 2.

If the applicant submitted a BCDS to the Bureau of Waste Management within the past three years, then the applicant may either submit: a new, updated BCDS; an addendum to the BCDS to cover the period since the previous BCDS, including a new signed certification; or a signed certification that the previous BCDS is still applicable, that none of the information has changed, and that there is no new information to report.

If the applicant previously submitted a PEDS to the Bureau of Waste Management the Bureau would not normally require a new or updated PEDS.

☒ **Proof that the applicant owns the property where the landfill will be located if the landfill is:**

(from K.S.A. 65-3407(m)(3))

(A) A municipal solid waste landfill; or

(B) a solid waste disposal area that has:

(i) A leachate or gas collection or treatment system;

(ii) waste containment systems or appurtenances with planned maintenance schedules; or

(iii) an environmental monitoring system with planned maintenance schedules or periodic sampling and analysis requirements.

OR ☒ **NA Evidence that the applicant leased the property prior to April 1, 1999 if the permit will be for a vertical or lateral expansion contiguous to a permitted solid waste disposal area in operation on July 1, 1999**

☒ **NA Copy of lease agreement (if the property is leased)**

☒ **NA Application fee:**

☐ \$5,000.00 for a new municipal solid waste landfill

☐ \$3,000.00 for a new industrial landfill

☐ \$1,000.00 for a new C&D landfill disposing more than 10,000 tons annually

☐ \$ 500.00 for a new C&D landfill disposing more than 1,000 and less than 10,000 tons annually

☐ \$ 250.00 for a new C&D landfill disposing less than 1,000 tons annually

Make check payable to: Kansas Department of Health & Environment.

A city, county, or other political subdivision or state agency is exempt from the application and renewal fees.

Application fees are not normally assessed for permit modifications and transfers unless the application constitutes a new permit (e.g., adding a municipal solid waste landfill at an existing C&D landfill).

☒ **NA Waste characterization**

Required for industrial landfills except asbestos monofills, waste tire monofills, and other predetermined inert waste.

Submit Material Safety Data Sheets (MSDS) if available, and/or analysis of chemical constituents.

Application for Solid Waste Landfill Permit

NA Leaching tests

Required for industrial landfills when the waste characterization identifies constituents that pose a risk to groundwater quality.

Submit leaching test results using an EPA or ASTM method that most closely simulates the landfill environment.

☒ Hydrogeologic investigation (see K.A.R. 28-29-104(b)) In current KDHE file

Required for all municipal solid waste landfills, and required for industrial landfills used for disposal of non-inert waste.

Hydrogeologic reports may be submitted prior to submission of this application form.

☒ Request for Location Demonstration Information Regarding Distance from the Nearest Intake Point of a Public Surface Water Supply System[†]

☒ Location demonstrations (see K.A.R. 28-29-23(d), 102, 302, and Policy 02-02) In current KDHE file

☒ Agency notifications and requests for comments

- ☒ Kansas Biological Survey
- ☒ Kansas Corporation Commission
- ☒ Kansas Department of Agriculture - Division of Water Resources
- ☒ Kansas Department of Wildlife and Parks
- ☒ Kansas Geological Survey
- ☒ Kansas State Conservation Commission
- ☒ Kansas State Historical Society
- ☒ Kansas Water Office
- ☒ U.S. Department of the Army - Corps of Engineers
- ☐ Other _____

Input from other agencies may be required.

☒ Map and description of abutting properties including location and land use, names and mailing addresses of property owners. If the proposed site is adjacent to a public road, include property across the road.

☒ Design drawings and calculations (see K.A.R. 28-29-6, 23, 103, 104, 304, 325)

☒ Groundwater monitoring plans and reports (see K.A.R. 28-29-111 through 113) Currently approved & on file

Required for all municipal solid waste landfills, and required for industrial landfills used for disposal of non-inert waste.

Groundwater monitoring plans and reports may be submitted separate from this application form.

☒ Operations plan (see K.A.R. 28-29-23, 108, 308, 325) currently approved & on file

☒ Closure and post-closure plans (see K.A.R. 28-29-12, 121, 304, 321, 325) currently approved & on file

☒ Closure, post-closure, and estimated life worksheets[†]

Application for Solid Waste Landfill Permit

Closure cost estimate worksheets are required for all applications.

Post-closure cost estimate worksheets are required for all new permits, and for significant modifications (or transfers using this form) when the facility includes groundwater monitoring and/or gas monitoring.

Estimated life worksheets are required for all applications involving municipal solid waste landfills.

☒ Construction quality assurance plan (see K.A.R. 28-29-12, 121, 321, 325, and Policy 00-04)

CQA plans must address construction of waste containment structures (liner/bottom and sides of disposal area, final cover) and permanent controls (storm water control structures, leachate collection systems). CQA plans should specify: responsible parties; types and frequencies of tests and observations; pass/fail criteria; methodology for addressing problems; and CQA report contents (summary of construction activities, representative photographs, field notes, test results, as-built drawings, and P.E. certification that the construction was in accordance with the approved plans (or describe any deviations)). CQA activities should generally conform to U.S. EPA's *Technical Guidance Document: Quality Assurance and Quality Control for Waste Containment Facilities* (EPA/600/R-93/182). CQA plans must be signed and sealed by a Professional Engineer licensed in Kansas.

☒ Financial assurance[†] (see K.A.R. 28-29-2101 through 2113)

☒ Liability insurance certificate (see K.A.R. 28-29-2201)

☒ Restrictive covenant[†] (see K.A.R. 28-29-20)

Submit a draft restrictive covenant for Bureau of Waste Management approval prior to filing it with the Register of Deeds.

☒ Notices of intent for storm water discharge (see <www.kdhe.state.ks.us/stormwater>)

Other items may be required if necessary to properly evaluate the application and satisfy state statutes, regulations, policies, and standards. Bureau of Waste Management staff will identify any additional requirements during the review process.

VII. Other facility information:

A. Land characteristics (general description)

Full section of land with a currently active and closed municipal solid waste landfill. The site is relatively flat with most storm drainage to the south and east.

B. Estimate existing site acreage devoted to the following uses:

Heavily wooded _____
Light brush _____
Grasses or pasture 40 _____
Cultivated 276 _____
Cleared or developed 324 _____

C. Estimated acreage to be cleared 220 _____

D. Proposed method of clearing Dozer; to be cleared on an as-needed basis. _____

Application for Solid Waste Landfill Permit

E. Onsite soil classification

0 _____ % Sand
25 _____ % Silt
75 _____ % Clay
_____ % Other _____

F. If sufficient cover material is not available at the site, where will it be obtained?

Sufficient cover material is estimated to be available for the next 80 years; additional
soil material may be obtained from additional excavation on site or from an off site property.

G. Existing/proposed land use within a one-mile radius (attach land use map if available).

	South	West	North	East
Residential		E	E	
Commercial				
Light industrial				
Heavy industrial				
Agricultural	E	E	E	E
Mixed				

Note "E" for existing and "P" for proposed.

H. Are there any wells within a one-mile radius? Yes ☒ No ☐

If "Yes" list types and legal descriptions _____

Various, see attached.

I. Access roads serving site

City _____
Township _____
County ☒ _____

State _____
Interstate _____
Other (explain) _____

J. Types of road surface serving the site (indicate whether on or off site)

Concrete _____
Asphalt On and Off _____
Seal coat _____
Soil cement _____

Gravel On and Off _____
Crushed stone _____
Dirt On _____
Other _____

K. Service Areas

Disposal site to serve:

City ☒ Township ☐ County ☒ Region ☒ Business ☒

L. Will site be open to the general public? Yes ☒ No ☐

Application for Solid Waste Landfill Permit

Revised
Rec'd by KDE-BUM
on SEP 25, 2012
mes
10-1-12

M. Population data:

Population served by facility: Now 100,615 Next 10 Years 101,889
 Total area population: Now 55,606 Next 10 years 57,663

N. Distance to center of service area

Average haul distance (miles one way) 8

Characteristics of areas adjacent to major haul routes within one-half mile of the site
 (residential, commercial, schools, agricultural, etc.)

Areas adjacent to major haul routes include industrial and agricultural uses

O. Utilities (indicate whether on-site or nearby)

Water source (example: water main, bottled water, well) Water main onsite

Electricity Onsite

Telephone Onsite

Sewer system (example: sanitary, lagoon, septic, privies) Onsite septic tank

P. Hours of operation

Days	MON	TUE	WED	THU	FRI	SAT	SUN
Hours	7:00-4:30	7:00-4:30	7:00-4:30	7:00-4:30	7:00-4:30	7:00-2:00	Closed

Q. Restrictions

Types of solid waste accepted:

☒ Residential

☒ Commercial

☒ Agricultural

☒ Industrial

☒ Construction/demolition

☐ Other

Types of solid waste not accepted (in disposal area):

☐ Putrescible waste

☐ Construction/demolition waste

☒ Appliances

☐ Electronics

☐ Asbestos

☐ Treated wood

☐ Other (specify)

Appliances and tires stored on site for removal by others

☒ Junked automobiles

☐ Dead animals

☐ Street sweepings

☒ Tires

☐ Sewage sludge

☐ Medical services waste

R. Employees and equipment

Number of employees on site (average daily) 8

Equipment on site (normal operations) 7

Application for Solid Waste Landfill Permit

S. Fire protection available (specify sources)

Water Two fire hydrants onsite

Firebreak Every piece of equipment has fire extengiusher

Municipal fire department City of Salina & Rural Fire District

T. Tipping fees, other fees

(Optional) List the anticipated tipping fees and other fees (e.g., surcharge for unacceptable waste). These fees are subject to change without notice, at the permittee's discretion. _____

U. Estimated disposal rates

Parameters	Daily			Annually		
Number of loads	87			27000		
Types of Waste	MSW	Ind.	C&D	MSW	Ind.	C&D
Total tons	233	48	22	71,909	14,875	6,695
Total cubic yards	276	57	26	85,324	17,650	7,944

V. Proposed post-closure site use(s)

☐ Wildlife habitat

☐ Recreational

☐ Pasture

☐ Agricultural

☐ Storage

☐ Parking

☐ Waste management/recycling

☐ Industrial

☐ Commercial

☐ Other

Describe proposed post-closure use(s): No proposed use at this time.

VIII. Notes:

1. Statutes and regulations, policies, technical guidance documents, forms, and other information are available on the Bureau of Waste Management web site <www.kdhe.state.ks.us/waste>.
2. Call the Bureau of Waste Management at (785) 296-1600 and ask to speak with solid waste permitting staff if you have any questions about landfill requirements.
3. Submit three sets of the completed application form and supporting documents to: Kansas Department of Health and Environment, Bureau of Waste Management, 1000 SW Jackson, Suite 320, Topeka, KS 66612-1366.
4. The following steps occur after an application is received by the Bureau of Waste Management:
 - (a) Preliminary evaluation to determine compliance with statutory requirements in K.S.A. 65-3407(c), (d), and (m).
 - (b) Completeness review in accordance with BWM Policy 04-02.
 - (c) Public meeting per BWM Policy 04-02.
 - (d) Technical review to determine compliance with all statutes, regulations, policies, and standards.


Application for Solid Waste Landfill Permit

- (e) Public hearing per K.A.R. 28-29-6a.
- (f) Final decision and processing.

5. When a facility receives a permit and begins accepting solid waste for disposal, a \$1.00/ton tonnage fee must be paid to the Kansas Department of Health and Environment. Refer to K.S.A. 65-3415b for rules and exceptions.
6. Active facilities must pay an annual permit renewal fee in accordance with K.A.R. 28-29-84. A city, county, or other political subdivision or state agency is exempt from the application and renewal fees.

IX. Applicant's Certification:

I hereby certify that the information in this application and in the supporting documents is true and correct to the best of my knowledge.



Signature of Applicant

9-13-11

Date

Jason Gage

Name (Print or Type)

City Manager

Title

City of Salina

Organization

X. Local Government Certifications:

See next page.

LOCAL GOVERNMENT CERTIFICATIONS

Applicant's Name City of Salina
Facility Name Salina Municipal Solid Waste Landfill Facility
Facility Location 4292 South Burma Road, Salina, KS
Application Type (new permit, modification, or transfer) Modification

As specified in K.S.A. 65-3407 "Permits to construct, alter or operate solid waste processing facilities and solid waste disposal areas", the secretary shall require the following information as part of this application:

Solid Waste Management Plan Consistency

(m)(1) Certification by the board of county commissioners or the mayor of a designated city responsible for the development and adoption of the solid waste management plan for the location where the processing facility or disposal area is or will be located that the processing facility or disposal area is consistent with the plan. This certification shall not apply to a solid waste disposal area for disposal of only solid waste produced on site from manufacturing and industrial processes or from on-site construction or demolition activities.

I certify that, to the best of my knowledge, the facility described in this application is consistent with the Solid Waste Management Plan.

Samantha P. Angell

Name (Print or Type)

Signature

Mayor

Title

Date

City of Salina, Kansas

300 West Ash

Salina, KS 67402-0736

County or City

Street Address

State, Zip Code

Zoning or Land Use Consistency

(m)(2) If the location is zoned, certification by the local planning and zoning authority that the processing facility or disposal area is consistent with local land use restrictions or, if the location is not zoned, certification from the board of county commissioners that the processing facility or disposal area is compatible with surrounding land use.

I certify that, to the best of my knowledge, the facility described in this application is consistent with (check one):

☒ local land use restrictions/zoning or ☐ surrounding land use.

Dean Andrew

Name (Print or Type)

Signature

Planning and Zoning Administrator

Title

Date

City of Salina, Kansas

300 West Ash

Salina, KS 67402-0736

County or City

Street Address

State, Zip Code

If a special/conditional use permit is required, please attach a copy to this application.